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## **S U P P L E M E N T A L   S P E C I F I C A T I O N**

### **AMENDMENT TO SECTION 632 -- RETROREFLECTIVE PAVEMENT MARKINGS**

**Add** to 3.2:

**3.2.8** Painted lane lines, edgelines, and centerlines shall have a minimum retroreflectivity of 200 millicandelas for white and 150 millicandelas for yellow. The retroreflectivity measurement will be taken by the Department on lines that are clean and dry within 30 days of application, before any winter maintenance takes place.

Retroreflectivity measurements will be taken with LTL 2000 retrometer having 30 meter geometry in accordance with ASTM E 1710. All readings shall be taken with the test instrument centered on the line.

A group of 10 retroreflectivity tests will be taken in a random 30-meter (100 ft.) length for each 3.2 km (2 miles.) or less of line length. A minimum of two groups of 10 retroreflectivity tests will be taken for each line per project. No more than 5% of all tests taken for each line shall be below the minimum retroreflectivity. When this requirement is not met, the entire line will be restriped at no additional expense to the Department. The Contractor shall provide traffic control and line cleaning for testing, as requested by the Engineer. Traffic control and line cleaning, will be subsidiary to Item 619 and Item 632 respectively.